

FORM PTO-1449
(REV. 7-80)U.S. DEPARTMENT OF COMMERCE
PATENT AND TRADEMARK OFFICEATTY. DOCKET NO.
BSC 015 C7

SERIAL NO.

09/477470

Jc675 U.S. PTO
09/477470

01/04/00

INFORMATION DISCLOSURE
STATEMENT

(Use several sheets if necessary)

APPLICANT
Harlan J. Byker

FILING DATE

Herewith

1-4-00

U.S. PATENT DOCUMENTS

EXAMINER'S INITIALS		PATENT NO.	DATE	NAME	CLASS	SUBCLASS	FILING DATE
EAJ	AA	3,280,701	10/25/66	J. F. Donnelly et al.	88	77	09/5/1961
EAJ	BB	3,451,741	06/24/69	P. Manos	350	160	06/15/66
EAJ	CC	3,806,229	04/23/74	C. J. Schoot et al.	350	160	06/23/71
EAJ	DD	4,465,339	8/14/84	F. Baucke et al.	350	357	03/09/81
EAJ	EE	2,632,045	03/17/53	G.C. Sziklai	178	5.4	08/31/48
EAJ	FF	4,712,879	12/15/87	N. R. Lynam et al.	350	357	04/02/86
EAJ	GG	4,752,119	06/21/88	T. Ueno et al.	350	357	08/14/85

FOREIGN PATENT DOCUMENTS

EXAMINER'S INITIALS		PATENT NO.	DATE	COUNTRY	CLASS	SUBCLASS	Translation	
							Yes	No
EAJ	HH	57-30639	02/18/82	Japan	B60R	1/08	X	
EAJ	II	57-208530	12/21/82	Japan	G02F	1/17	X	
EAJ	JJ	566863	07/30/77	Russia			X	
EAJ	KK	4658385	03/13/85	Japan			X	

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

EAJ	LL	T. Ueno et al., "Three Color Switching Electrochromic Display Using Organic Redox-Pair Dyes", Vol. 24, No. 3 Japanese Journal of Applied Physics (March 1985) pages L178-L180.					
EAJ	MM	J. Bruinink, "Electrochromic Display Devices", published in <u>Nonemissive Electrooptic Displays</u> , A. R. Kmetz and F. K. von Willisen eds. (New York 1976) pages 201-221.					
EAJ	NN	B. W. Faughnan et al., "Electrochromic Displays Based on WO ₃ ", published in <u>Display Devices</u> , J. I. Parkove ed. (New York, 1980).					
EAJ	OO	J. Nagai et al., "Transmissive Electrochromic Device", in <u>Optical Materials Technology for Energy Efficiency and Solar Energy Conversion IV</u> , Vol. 562 Proceedings of SPIE, (August 1985) pages 39-45.					
EAJ	PP	Schott information, No. 1 (1983)-English.					
EAJ	QQ	K. L. Chopra et al., "Transparent Conductors-A Status Review" in <u>Thin Solid Films</u> , International Journal on the Science and Technology of Thin and Thick Films, J. N. Zemel and G. Siddall eds., Vol. 102 No. 1, (April 8, 1983), pages 1-46.					

EXAMINER

EAJ

DATE CONSIDERED

6-18-00

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

FORM PTO-1449 -
(REV. 7-80)U.S. DEPARTMENT OF COMMERCE
PATENT AND TRADEMARK OFFICE

ATTY. DOCKET NO.

BSC 015 C7

SERIAL NO.

09/477470

INFORMATION DISCLOSURE
STATEMENT

(Use several sheets if necessary)

APPLICANT
Harlan J. Byker

FILING DATE

~~March 1980~~

1-4-00

U.S. PATENT DOCUMENTS

EXAMINER'S INITIALS		PATENT NO.	DATE	NAME	CLASS	SUBCLASS	FILING DATE
Ed	RR	3,843,232	10/22/74	D. Berets	350	160	02/16/73
Ed	SS	3,879,108	04/22/75	D. Berets	350	160	05/18/73
Ed	TT	4,088,392	05/09/78	M. Meyers	350	357	04/13/76
Ed	UU	4,174,152	11/13/79	R. Giglia et al.	350	357	02/13/78
Ed	VV	4,278,329	07/14/81	K. Matsuhira et al.	350	357	06/05/79
Ed	WW	4,416,517	11/22/83	G. Beall et al.	350	357	02/18/82
Ed	XX	4,671,619	06/09/87	T. Kamimori et al.	350	357	07/09/85

FOREIGN PATENT DOCUMENTS

EXAMINER'S INITIALS		PATENT NO.	DATE	COUNTRY	CLASS	SUBCLASS	Translation	
							Yes	No

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

Ed	YY	T. Kamimori et al., "Electrochromic Devices For Transmissive and Reflective Light Control", in Optical Materials Technology for Energy Efficiency and Solar Energy Conversion V, Vol. 653, SPIE-The Int'l Soc. Opt. Eng'g, Washington (April 1986), pages 2-9.						
Ed	ZZ	C. M. Lampert, "Electrochromic Materials and Devices for Energy Efficient Windows", Solar Energy Mat'ls., Vol. 11 (1984), pages 1-27.						
Ed	aa	I. V. Shelepin and O. A. Ushakov, "Photochemical and Cathodic Production of Methyl Viologen in Solution", Russian J. Phys. Chem. 49 (7) (1975), pages 1021-1024 (translation).						
Ed	bb	Gruver and Kūwana, "Spectroelectrochemical Studies of E. E. and E. E. C. Mechanisms", J. Electro Anal. Chem. 36 (1972), pages 85-99.						
Ed	cc	Strojek et al., "Direct Log Ratio Recording, Rapid Scanning Spectrophotometer", Anal. Chem. 41, pages 481-484.						
Ed	dd	Nelson et al., "Anodic Oxidation of 5, 10-Dihydro-5,10-Dimethylphenazine", Z. Anal. Chem. 224 (1967), pages 184-196.						

EXAMINER

Ed Lester

DATE CONSIDERED

6-18-00

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

FORM PTO-1449
(REV. 7-80)U.S. DEPARTMENT OF COMMERCE
PATENT AND TRADEMARK OFFICEATTY. DOCKET NO.
BSC 015 C7

SERIAL NO.

INFORMATION DISCLOSURE
STATEMENT

(Use several sheets if necessary)

APPLICANT
Harlan J. Byker

FILING DATE

~~Herein~~

1-4-00

09/477470

U.S. PATENT DOCUMENTS

EXAMINER'S INITIALS		PATENT NO.	DATE	NAME	CLASS	SUBCLASS	FILING DATE
EE	ee	4,146,876	03/27/79	A. Arellano et al.	340	785	06/29/77

FOREIGN PATENT DOCUMENTS

EXAMINER'S INITIALS		PATENT NO.	DATE	COUNTRY	CLASS	SUBCLASS	Translation	
							Yes	No
	ff	1 597 709	09/09/81	Europe	G2F	21C	X	
	gg	0012419	06/25/80	Europe	G09K	9/02	X	

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

hh	N. Lynam, "Transparent Electronic Conductors", in Proceedings of the Symposium on Electrochromic Materials, M. Carpenter and D. Corrigan eds. (New Jersey), pages 201-231. <u>no date available</u>
ii	Donnelly Press Release, "Donnelly Corporation Announces New Automatic Electrochromic Mirror", December 20, 1989 (Holland, Michigan), Contact Maryan Komejan, pages 1-4.
jj	O. A. Ushakov et al., "Electrochromism of Organic Compounds Some Properties of Two-Electrode Cells", in UDC 541.138, (1978), pages 271-274.
kk	I. V. Shelepin et al., "Electrochromism of Organic Compounds I. Electrochemical and Spectral Properties of a System Based on Methylviologen and 3-Ethyl-2-Benzothiazolone Azine", in UDC 541.138, pages 24-28. <u>No Date available</u>
ll	I. V. Shelepin et al., "Electrochromism of Organic Compounds II. Spectral and Electrochemical Examination of a System Based on Methylviologen and 5,10-Dithydro-5,10-Dimethylphenazine", in UDC 541.138, pages 346-349. <u>No Date available</u>

EXAMINER

DATE CONSIDERED

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.